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|---|------------|--|-----------------------------------|
|  | 15.07.2013 | RS100 io / io Hybrid - Technical data | DMKI - FPTE |
| | | | RANGE 1 |
| | | | <small>RS100 IO Range1 R0</small> |

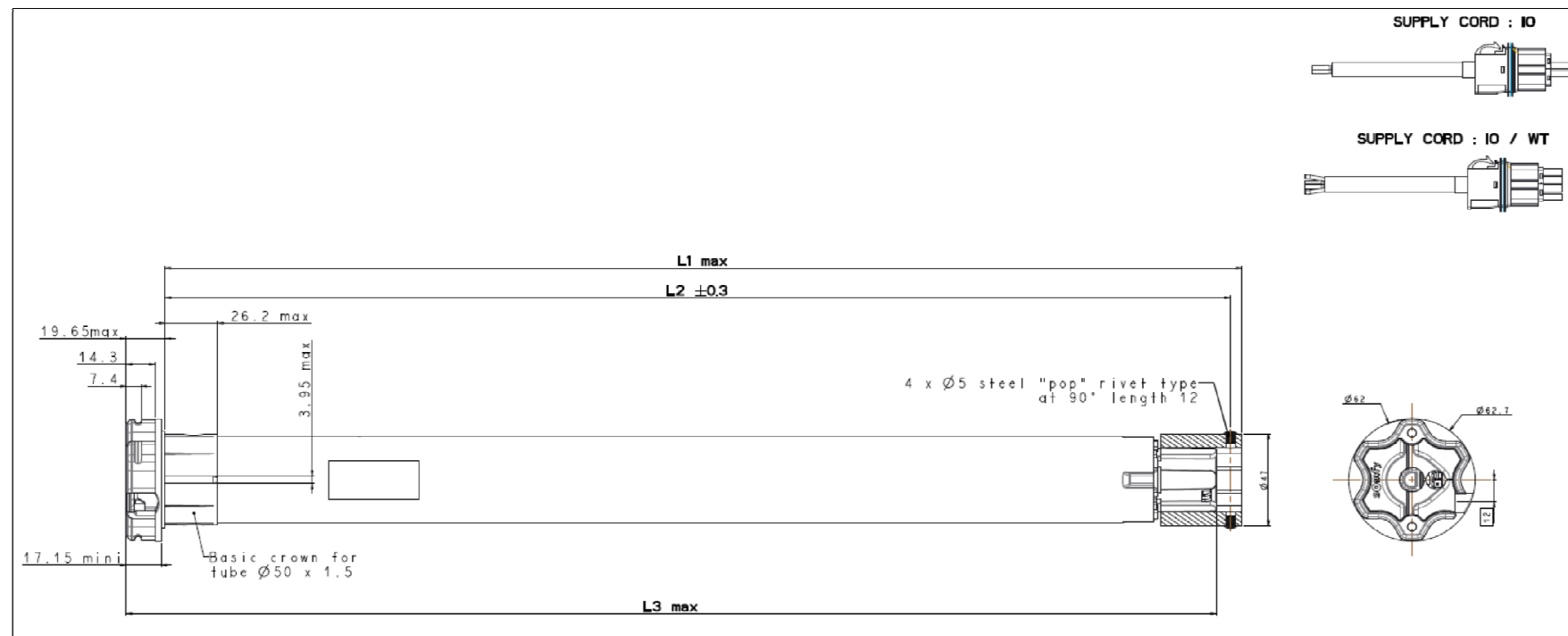
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|-------------------------------|---|
| Nominal voltage | 230 V |
| Power supply tolerances | 195.5 - 255 V |
| Frequency | 50 Hz |
| Thermal time | 5 minutes for all motors |
| Number of wires of the cable | 2 |
| Wire section | 0.75 mm ² |
| Type of limit switch unit | Electronic |
| Capacity of the LSU | 136 turns |
| Repeatability | < ± 5° |
| System of protection | IP44 |
| Interface drawing | Head interface 206823A10 - Wheel interface: 206821 A06 - Crown interface: 206822 A06 |
| Coding | Rolling code -16 millions of possibilities |
| Memory capacity | 9 different 1 W |
| Range | 20 m with 2 reinforced concrete walls to be passed through - if necessary, a beacon can be installed in order to satisfy this performance |
| End product protection | In the up and down direction |
| End product compatibility | RS equipped with stoppers and rigid links for p&p mode per default. For all RS with manual mode |
| Accessories compatibility | Accessory wheel with gap is mandatory |
| | CEI 1000-4-2 8 kV minimum CEI 1000-4-3 level III CEI 1000-4-4 level III |
| Electromagnetic compatibility | <i>IETS 300-220</i> |
| Basic crown for tube Ø | 50 x 1,5 mm |
| Temperature working range | Normal use : -10°C to +40°C Exceptional use (20% of the life time not simultaneous) : -25°C to +70°C |
| Noise level | According to SOMFY measures (for information only).Worse value : in load up direction during 10 seconds. |

| Designation | Nm rpm | | Reference | mm | | | tube | W | A | °C | Brake type | kg | | Sones | mm | µF |
|-------------------------|----------------|---------------|-----------|---------|------------|---------|-------|-------------|---------------|------------------|------------|--------|--------|-------|--------|-----------|
| | Nominal torque | Nominal speed | | L1 max. | L2 (±3 mm) | L3 max. | | Rated power | Rated current | Thermal tripping | | Weight | Noise* | | Stator | Capacitor |
| RS 100 io | 6 | 17 | 5105048 | 464 | 449 | 470 | 410 | 40 | | 5 min | Spring | 1,198 | 3 | 27 | X | X |
| RS 100 io HYBRID | | | 5105040 | | | | | | | | | | | | | |
| RS 100 io | 10 | 17 | 5105049 | 478 | 463 | 484 | 424,2 | 55 | | 5 min | Spring | 1,323 | 3 | 41 | X | X |
| RS 100 io HYBRID | | | 5105042 | | | | | | | | | | | | | |
| RS 100 io | 15 | 17 | 5105051 | 521 | 506 | 527 | 467 | 80 | | 5 min | Spring | 1,452 | 3 | 54 | X | X |
| RS 100 io HYBRID | | | 5105043 | | | | | | | | | | | | | |
| RS 100 io | 20 | 17 | 5105052 | 538 | 523 | 544 | 484,5 | 100 | | 5 min | Spring | 1,673 | 5,4 | 54 | X | X |
| RS 100 io HYBRID | | | 5105044 | | | | | | | | | | | | | |

noise * tolérance = +1 sones

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|---|------------|--|---------|
|  | 12.06.2014 | RS100 io / io Hybrid - Technical data | RANGE 1 |
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| | | |
|---------------|-----------------|---------------|
| WIRING | Neutral Live | Blue Brown |
|---------------|-----------------|---------------|



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|--------------|----------------|----------------|---------------|
| Name Date | R&D | QUALITY | EDITOR |
| | | S.Brisoux | AS Cléguer |